**Project 4 due Nov 30th.**

p-8.65 Write a program that takes as input a fully parenthesized , arithmetic expression and convert it to a binary expression tree. Your program should display the tree in some way and also print the value associated with the root. For an additional challenge , allow the leaves to store variables of X1, X2 , X3 and so on, which are initially 0 and which can be updated interactively by your program, with the corresponding update in the printed value of the root of the expression tree.